

July 15, 2013

Project No. 10627.003.0

Ms. Chand Sultana  
 California Environmental Protection Agency  
 Department of Toxic Substances Control  
 9211 Oakdale Avenue  
 Chatsworth, California 91311

**Re: Quarterly Summary Report  
 Second Quarter 2013  
 Alcoa Cast Plate Division Site  
 3200 Fruitland Avenue, Vernon, California  
 Docket No. HAS-CO 09/10-121**

Dear Ms. Sultana:

Pursuant to the July 6, 2010, Imminent and Substantial Endangerment Determination and Consent Order (Order) between the California Department of Toxic Substances Control (DTSC) and Pechiney Cast Plate, Inc. (Pechiney; the Respondent), this quarterly summary report is hereby submitted by AMEC Environment & Infrastructure, Inc. (AMEC), on behalf of the Respondent. As specified in the Order, this report provides a summary of the activities performed during the reporting period of April 1, 2013 through June 30, 2013 (second quarter 2013), and for the other elements outlined in Section 6.3 of the Order for the property located at 3200 Fruitland Avenue in Vernon, California (site). A summary of the activities conducted during the reporting period and for the elements outlined in the Order is provided below.

**Tasks Completed During the Reporting Period (Second Quarter 2013)**

- Continued operation, maintenance, and monitoring (OMM) of the soil vapor extraction (SVE) systems for the Phase I area (northern parcel) and Phase III/IV area (southern parcel).
- Submitted baseline soil vapor results for the SVE systems and first quarter groundwater results to DTSC on May 9, 2013.
- Submitted the first quarter groundwater monitoring report to DTSC on June 18, 2013 (reported dated June 17, 2013).
- Conducted the second quarter groundwater monitoring event as outlined in the Remedial Action Plan (RAP) for the existing groundwater monitoring wells AOW-6, -8, -9, and -10 in June 2013.
- Submitted an addendum to the RAP (dated May 30, 2013) for the conversion of a granular activated carbon treatment system to a thermal oxidation treatment system for the Phase III/IV area (Stoddard solvent-impacted soil). DTSC issued an approval of the

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addendum on June 20, 2013. The City of Vernon Environmental Health Department (EHD) issued its approval of the addendum by electronic mail on June 11, 2013.

- Began the City of Vernon Community Services (CS) building permit process for the installation of the thermal oxidation system, and submitted a various location permit application to the South Coast Air Quality Management District (SCAQMD) for the operation of the thermal oxidation system. Building permits from the City of Vernon CS have been received. Issuance of the final SCAQMD air permit is pending.
- Conducted project update meetings and/or conference calls with DTSC on April 9, May 28, and June 26, 2013 to discuss the progress of the SVE systems and over all schedule.
- Met with U.S. Environmental Protection Agency at the site on April 4, 2013 for a site tour.
- Received the City of Vernon CS approval on May 8, 2013 for an extension of the building and grading permits for the below grade demolition and soil removal work.

#### **Results of Sampling and Significant Findings Obtained During the Reporting Period**

Initial sampling was conducted to establish a baseline of soil vapor conditions to support the startup of the Phase I and Phase III/IV SVE systems in December 2012. The results of the baseline sampling were submitted to DTSC in May 2013. Findings associated with the baseline sampling and the operation of the SVE systems will be included in the SVE and SVE/Bioventing Startup Report to be submitted to DTSC during the third quarter of 2013.

The second quarter 2013 groundwater monitoring event was conducted in June and the sampling results will be provided to DTSC during the third quarter of 2013.

#### **Tasks Anticipated During the Current Reporting Period (Third Quarter 2013 – July 1 through September 30)**

- Demobilize the granular activated carbon treatment system and complete the installation of the thermal oxidation system in the Phase III/IV area (southern parcel).
- Continue SVE system OMM work and reporting.
- Conduct third quarter groundwater monitoring event in July 2013 as outlined in the RAP.
- Begin below grade demolition and soil removal work. Commencement of this work is dependent on the resolution of the purchase and sale agreement between Pechiney and the City of Vernon and the City of Vernon EHD's approval of the RAP.

#### **Tasks Planned for the Next Reporting Period (Four Quarter 2013 – October 1 through December 31)**

- Continue SVE and SVE/Bioventing OMM and reporting.



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- Continue quarterly groundwater monitoring and reporting.

### **Tasks Not Completed or Anticipated Problems in Complying with the Order**

Although U.S. Environmental Protection Agency issued its approval of the proposed polychlorinated biphenyl (PCB) remediation goals and on-site disposal of PCB-impacted soil and concrete as described in the RAP and Application, DTSC issued its final approval of the Feasibility Study and RAP, and the City of Vernon's CS issuance of the building and grading permits for the below grade demolition and soil removal work, the City of Vernon and the City of Vernon's EHD approval to implement RAP has not been granted.<sup>1</sup> Therefore, the submittal of the final schedule as outlined in Section 5.2.2 of the Order with regard to the implementation of the below grade demolition and soil removal work outlined in the RAP will be submitted to DTSC once the City of Vernon and City of Vernon's EHD provides its approval of the RAP.

If you have any questions or need any additional information, please call me at (949) 642-0245.

Sincerely yours,  
AMEC

Linda Conlan, PG  
Principal Geologist

cc: William Adams, Pechiney  
Gerald Pepper, Rio Tinto AUM Company  
John Cermak, Baker & Hostetler, LLP  
Allan Plaza, DTSC Chatsworth  
Bruce Garbaccio, DTSC Chatsworth  
Leonard Grossberg, City of Vernon Environmental Health Department  
Carmen Santos, U.S. Environmental Protection Agency, Region 9

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<sup>1</sup> The Rider attached to the City of Vernon's Community Services demolition and grading permits noted that the City of Vernon and the City of Vernon's EHD have not approved this work, nor the related remediation work contemplated under the permits and as outlined in the RAP. Proceeding with the below grade demolition and soil remediation work is dependent on the City of Vernon and the City of Vernon's EHD's notification that it approves the implementation of this work.